

PTO/SB/01 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

STL11426

First Named Inventor

Xiong Liu

COMPLETE IF KNOWN

Application Number

Filing Date

February 24, 2004

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

System And Method For Reducing Zap Time And Track Squeeze In A Data Storage Device

(Title of the Invention)

the specification of which



is attached hereto.

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications; material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|--|---------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| | | | | Yes | No |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 422 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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DECLARATION — Utility or Design Patent Application

| | | | |
|---|---------------------------|--|---------------------------|
| Direct all correspondence to: <input type="checkbox"/> Customer Number: <input type="text"/> | | OR <input checked="" type="checkbox"/> Correspondence address below | |
| Name David K. Lucente, Seagate Technology LLC | | | |
| Address Intellectual Property - COL2LGL 389 Disc Drive | | | |
| City Longmont | | State CO | ZIP 80503 |
| Country US | Telephone 720-684-2295 | Fax 720-684-2588 | |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. | | | |
| NAME OF SOLE OR FIRST INVENTOR: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor. | |
| Given Name (first and middle (if any)) Xiong | | Family Name or Surname Liu | |
| Inventor's Signature <i>Liu Xiong</i> | | Date 24 Feb., 2004 | |
| Residence: City Singapore | State | Country Singapore | Citizenship P.R. China |
| Mailing Address Blk 216, #08-293, Bukit Batok Street 21 | | | |
| City Singapore | State | ZIP 650216 | Country Singapore |
| NAME OF SECOND INVENTOR: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor. | |
| Given Name (first and middle (if any)) Qiang | | Family Name or Surname Bi | |
| Inventor's Signature <i>Bi Qiang</i> | | Date 24 Feb. 2004 | |
| Residence: City Singapore | State | Country Singapore | Citizenship Singapore |
| Mailing Address Blk 373, #03-192, Clementi Ave 4 | | | |
| City Singapore | State | ZIP 120373 | Country Singapore |
| <input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <input type="checkbox"/> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto. | | | |

PTO/SB/02A (08-03)

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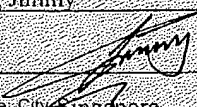
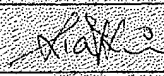
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DECLARATION

ADDITIONAL INVENTOR(S)

Supplemental Sheet

Page 1 of 1

| | | | |
|---|-------|--|-----------------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor. | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Tze Ming Jimmy | | Pang | |
| Inventor's Signature  | | Date 24 Feb 2004 | |
| Residence City Singapore | State | Country Singapore | Citizenship Singapore |
| Mailing Address 34 Thomson Green | | | |
| Mailing Address | | | |
| City Singapore | State | Zip 574910 | Country Singapore |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor. | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Choon Kiat | | Lim | |
| Inventor's Signature  | | Date 24 Feb 2004 | |
| Residence City Singapore | State | Country Singapore | Citizenship Singapore |
| Mailing Address 49, Hindhede Walk #10-08 | | | |
| Mailing Address | | | |
| City Singapore | State | Zip 587976 | Country Singapore |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor. | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| | | | |
| Inventor's Signature | | Date | |
| Residence City | State | Country | Citizenship |
| Mailing Address | | | |
| Mailing Address | | | |
| City | State | Zip | Country |

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|--------------|--|-----------------|--|
| Inventor(s): | Xiong Liu et al. | | |
| Serial No.: | | Examiner: | |
| Filed: | February 24, 2004 | Group Art Unit: | |
| Title: | System And Method For Reducing Zap Time And Track Squeeze In A Data Storage Device | | |
| Docket: | STL11426 | | |

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified application,
REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following practitioners/patent agent are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

| | |
|---|--|
| Derek J. Berger, Registration No. 45,401 | Mitchell K. McCarthy, Registration No. 38,794 |
| Kirk A. Cesari, Registration No. 47,479 | Carol I. Bordas, Registration No. 37,284 |
| Paul T. Dietz, Registration No. 38,858 | Jennifer M. Buenzow, Registration No. 50,124 |
| David K. Lucente, Registration No. 36,202 | Joseph F. Villella, Jr., Registration No. 30,599 |
| Jesus Del Castillo, Registration No. 51,604 | Brendan Hanley, Registration No. 52,429 |
| Raghunath S. Minisandram, Registration No. 38,683 | |

CHANGE OF ATTORNEY'S/AGENT'S ADDRESS IN APPLICATION

David K. Lucente
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Intellectual Property Dept. - COL2LGL
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(720) 684-2295 (telephone)
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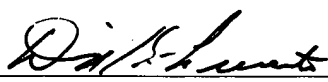
STATEMENT UNDER 37 CFR 3.73(b)

Seagate Technology LLC states that it is the Assignee of Entire Interest in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application/patent identified above. A copy of the Assignment is attached and/or was recorded in the Patent and Trademark Office at Reel , Frame . The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC
(Assignee of Entire Interest)

2/24/04
Date


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